

# Anurag A Agrawal

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

246 papers	20,555 citations	77 h-index	140 g-index
269 ext. papers	23,344 ext. citations	6.8 avg, IF	7.58 L-index

#	Paper	IF	Citations
246	Evidence for tissue-specific defense-offense interactions between milkweed and its community of specialized herbivores.. <i>Molecular Ecology</i> , <b>2022</b> ,	5.7	2
245	Cardenolides, toxicity, and the costs of sequestration in the coevolutionary interaction between monarchs and milkweeds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	10
244	The evolution of coevolution in the study of species interactions. <i>Evolution; International Journal of Organic Evolution</i> , <b>2021</b> , 75, 1594-1606	3.8	2
243	Genetic Variation in Parental Effects Contributes to the Evolutionary Potential of Prey Responses to Predation Risk. <i>American Naturalist</i> , <b>2021</b> , 197, 164-175	3.7	1
242	Induced resistance mitigates the effect of plant neighbors on susceptibility to herbivores. <i>Ecosphere</i> , <b>2021</b> , 12, e03334	3.1	0
241	A private channel of nitrogen alleviates interspecific competition for an annual legume. <i>Ecology</i> , <b>2021</b> , 102, e03449	4.6	0
240	Ecological Interactions, Environmental Gradients, and Gene Flow in Local Adaptation. <i>Trends in Plant Science</i> , <b>2021</b> , 26, 796-809	13.1	3
239	Evolution and seed dormancy shape plant genotypic structure through a successional cycle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	3
238	Evolution of shade tolerance is associated with attenuation of shade avoidance and reduced phenotypic plasticity in North American milkweeds. <i>American Journal of Botany</i> , <b>2021</b> , 108, 1705-1715	2.7	0
237	Attack and aggregation of a major squash pest: Parsing the role of plant chemistry and beetle pheromones across spatial scales. <i>Journal of Applied Ecology</i> , <b>2020</b> , 57, 1442-1451	5.8	4
236	Host specificity and variation in oviposition behaviour of milkweed stem weevils and implications for species divergence. <i>Ecological Entomology</i> , <b>2020</b> , 45, 1121-1133	2.1	
235	Agrobacterium tumefaciens-Mediated Transformation of Three Milkweed Species ( <i>Asclepias hallii</i> , <i>A. syriaca</i> , and <i>A. tuberosa</i> : Apocynaceae). <i>Current Protocols in Plant Biology</i> , <b>2020</b> , 5, e20105	2.8	
234	A scale-dependent framework for trade-offs, syndromes, and specialization in organismal biology. <i>Ecology</i> , <b>2020</b> , 101, e02924	4.6	66
233	Evolution of phenotypic plasticity: Genetic differentiation and additive genetic variation for induced plant defence in wild arugula <i>Eruca sativa</i> . <i>Journal of Evolutionary Biology</i> , <b>2020</b> , 33, 237-246	2.3	5
232	Divergence of defensive cucurbitacins in independent Cucurbita pepo domestication events leads to differences in specialist herbivore preference. <i>Plant, Cell and Environment</i> , <b>2020</b> , 43, 2812-2825	8.4	6
231	The role of toxic nectar secondary compounds in driving differential bumble bee preferences for milkweed flowers. <i>Oecologia</i> , <b>2020</b> , 193, 619-630	2.9	2
230	Less Is More: a Mutation in the Chemical Defense Pathway of <i>Erysimum cheiranthoides</i> (Brassicaceae) Reduces Total Cardenolide Abundance but Increases Resistance to Insect Herbivores. <i>Journal of Chemical Ecology</i> , <b>2020</b> , 46, 1131-1143	2.7	1

229	Genome editing retraces the evolution of toxin resistance in the monarch butterfly. <i>Nature</i> , <b>2019</b> , 574, 409-412	50.4	52
228	Mechanisms of Resistance to Insect Herbivores in Isolated Breeding Lineages of <i>Cucurbita pepo</i> . <i>Journal of Chemical Ecology</i> , <b>2019</b> , 45, 313-325	2.7	9
227	Integrated metabolic strategy: A framework for predicting the evolution of carbon-water tradeoffs within plant clades. <i>Journal of Ecology</i> , <b>2019</b> , 107, 1633-1644	6	7
226	Plant-herbivore coevolution and plant speciation. <i>Ecology</i> , <b>2019</b> , 100, e02704	4.6	33
225	Advances in understanding the long-term population decline of monarch butterflies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 8093-8095	11.5	7
224	Cardenolide Intake, Sequestration, and Excretion by the Monarch Butterfly along Gradients of Plant Toxicity and Larval Ontogeny. <i>Journal of Chemical Ecology</i> , <b>2019</b> , 45, 264-277	2.7	22
223	Beyond preference and performance: host plant selection by monarch butterflies, <i>Danaus plexippus</i> . <i>Oikos</i> , <b>2019</b> , 128, 1092-1102	4	12
222	Trade-offs constrain the evolution of an inducible defense within but not between plant species. <i>Ecology</i> , <b>2019</b> , 100, e02857	4.6	15
221	Plant Defense by Latex: Ecological Genetics of Inducibility in the Milkweeds and a General Review of Mechanisms, Evolution, and Implications for Agriculture. <i>Journal of Chemical Ecology</i> , <b>2019</b> , 45, 1004-1018	2.7	7
220	Ontogenetic strategies in insect herbivores and their impact on tri-trophic interactions. <i>Current Opinion in Insect Science</i> , <b>2019</b> , 32, 61-67	5.1	14
219	Population Variation, Environmental Gradients, and the Evolutionary Ecology of Plant Defense against Herbivory. <i>American Naturalist</i> , <b>2019</b> , 193, 20-34	3.7	39
218	Toxicity of Milkweed Leaves and Latex: Chromatographic Quantification Versus Biological Activity of Cardenolides in 16 <i>Asclepias</i> Species. <i>Journal of Chemical Ecology</i> , <b>2019</b> , 45, 50-60	2.7	21
217	Insect herbivory and plant adaptation in an early successional community. <i>Evolution; International Journal of Organic Evolution</i> , <b>2018</b> , 72, 1020-1033	3.8	10
216	Toxicity of the spiny thick-foot <i>Pachypodium</i> . <i>American Journal of Botany</i> , <b>2018</b> , 105, 677-686	2.7	1
215	Mechanisms behind the monarch's decline. <i>Science</i> , <b>2018</b> , 360, 1294-1296	33.3	43
214	Fitness consequences of occasional outcrossing in a functionally asexual plant ( <i>Oenothera biennis</i> ). <i>Ecology</i> , <b>2018</b> , 99, 464-473	4.6	5
213	Relative Selectivity of Plant Cardenolides for Na/K-ATPases From the Monarch Butterfly and Non-resistant Insects. <i>Frontiers in Plant Science</i> , <b>2018</b> , 9, 1424	6.2	22
212	What doesn't kill you makes you stronger: The burdens and benefits of toxin sequestration in a milkweed aphid. <i>Functional Ecology</i> , <b>2018</b> , 32, 1972-1981	5.6	6

211	Trade-offs and tritrophic consequences of host shifts in specialized root herbivores. <i>Functional Ecology</i> , <b>2017</b> , 31, 153-160	5.6	14
210	Plant chemical defense indirectly mediates aphid performance via interactions with tending ants. <i>Ecology</i> , <b>2017</b> , 98, 601-607	4.6	16
209	Trade-Offs Between Plant Growth and Defense Against Insect Herbivory: An Emerging Mechanistic Synthesis. <i>Annual Review of Plant Biology</i> , <b>2017</b> , 68, 513-534	30.7	229
208	Toward a Predictive Framework for Convergent Evolution: Integrating Natural History, Genetic Mechanisms, and Consequences for the Diversity of Life. <i>American Naturalist</i> , <b>2017</b> , 190, S1-S12	3.7	55
207	Multidrug transporters and organic anion transporting polypeptides protect insects against the toxic effects of cardenolides. <i>Insect Biochemistry and Molecular Biology</i> , <b>2017</b> , 81, 51-61	4.5	29
206	Science-Policy-Practice Interfaces: Emergent knowledge and monarch butterfly conservation. <i>Environmental Policy and Governance</i> , <b>2017</b> , 27, 521-533	2.6	5
205	Learning in Insect Pollinators and Herbivores. <i>Annual Review of Entomology</i> , <b>2017</b> , 62, 53-71	21.8	41
204	Genotypic diversity mitigates negative effects of density on plant performance: a field experiment and life cycle analysis of common evening primrose <i>Oenothera biennis</i> . <i>Journal of Ecology</i> , <b>2017</b> , 105, 726-735	6	4
203	Monarchs and Milkweed <b>2017</b> ,		21
202	Mechanisms and evolution of plant resistance to aphids. <i>Nature Plants</i> , <b>2016</b> , 2, 15206	11.5	157
201	Population growth and sequestration of plant toxins along a gradient of specialization in four aphid species on the common milkweed <i>Asclepias syriaca</i> . <i>Functional Ecology</i> , <b>2016</b> , 30, 547-556	5.6	30
200	How herbivores coopt plant defenses: natural selection, specialization, and sequestration. <i>Current Opinion in Insect Science</i> , <b>2016</b> , 14, 17-24	5.1	81
199	Spillover of a biological control agent ( <i>Chrysolina quadrigemina</i> ) onto native St. Johnswort ( <i>Hypericum punctatum</i> ). <i>PeerJ</i> , <b>2016</b> , 4, e1886	3.1	7
198	Different rates of defense evolution and niche preferences in clonal and nonclonal milkweeds ( <i>Asclepias</i> spp.). <i>New Phytologist</i> , <b>2016</b> , 209, 1230-9	9.8	12
197	Consequences of toxic secondary compounds in nectar for mutualist bees and antagonist butterflies. <i>Ecology</i> , <b>2016</b> , 97, 2570-2579	4.6	14
196	Microsatellites for <i>Oenothera gayleana</i> and <i>O. hartwegii</i> subsp. <i>filifolia</i> (Onagraceae), and their utility in section <i>Calylophus</i> . <i>Applications in Plant Sciences</i> , <b>2016</b> , 4, 1500107	2.3	2
195	Linking the continental migratory cycle of the monarch butterfly to understand its population decline. <i>Oikos</i> , <b>2016</b> , 125, 1081-1091	4	92
194	The Monarch Butterfly through Time and Space: The Social Construction of an Icon. <i>BioScience</i> , <b>2015</b> , 65, 612-622	5.7	54

193	Evolution of plant growth and defense in a continental introduction. <i>American Naturalist</i> , <b>2015</b> , 186, E1-E15	3.7	37
192	The importance of plant genotype and contemporary evolution for terrestrial ecosystem processes. <i>Ecology</i> , <b>2015</b> , 96, 2632-42	4.6	14
191	The raison d'être of chemical ecology. <i>Ecology</i> , <b>2015</b> , 96, 617-30	4.6	58
190	Historically browsed jewelweed populations exhibit greater tolerance to deer herbivory than historically protected populations. <i>Journal of Ecology</i> , <b>2015</b> , 103, 243-249	6	12
189	Growth-defense tradeoffs for two major anti-herbivore traits of the common milkweed <i>Asclepias syriaca</i> . <i>Oikos</i> , <b>2015</b> , 124, 1404-1415	4	54
188	On the study of plant defence and herbivory using comparative approaches: how important are secondary plant compounds. <i>Ecology Letters</i> , <b>2015</b> , 18, 985-91	10	104
187	Milkweed butterfly resistance to plant toxins is linked to sequestration, not coping with a toxic diet. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2015</b> , 282, 20151865	4.4	67
186	Phylogenetic correlations among chemical and physical plant defenses change with ontogeny. <i>New Phytologist</i> , <b>2015</b> , 206, 796-806	9.8	44
185	Asymmetry of plant-mediated interactions between specialist aphids and caterpillars on two milkweeds. <i>Functional Ecology</i> , <b>2014</b> , 28, 1404-1412	5.6	78
184	Defense mutualisms enhance plant diversification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 16442-7	11.5	101
183	Above-ground herbivory by red milkweed beetles facilitates above- and below-ground conspecific insects and reduces fruit production in common milkweed. <i>Journal of Ecology</i> , <b>2014</b> , 102, 1038-1047	6	19
182	Reciprocal interactions between native and introduced populations of common milkweed, <i>Asclepias syriaca</i> , and the specialist aphid, <i>Aphis nerii</i> . <i>Basic and Applied Ecology</i> , <b>2014</b> , 15, 444-452	3.2	4
181	Love thy neighbor? reciprocal impacts between plant community structure and insect herbivory in co-occurring Asteraceae. <i>Ecology</i> , <b>2014</b> , 95, 2904-2914	4.6	16
180	Specificity of herbivore-induced hormonal signaling and defensive traits in five closely related milkweeds ( <i>Asclepias</i> spp.). <i>Journal of Chemical Ecology</i> , <b>2014</b> , 40, 717-29	2.7	27
179	Four more reasons to be skeptical of open-access publishing. <i>Trends in Plant Science</i> , <b>2014</b> , 19, 133	13.1	12
178	Do plant defenses predict damage by an invasive herbivore? A comparative study of the viburnum leaf beetle <b>2014</b> , 24, 759-69		8
177	Exotic plants contribute positively to biodiversity functions but reduce native seed production and arthropod richness. <i>Ecology</i> , <b>2014</b> , 95, 1642-50	4.6	19
176	Tests of the coupled expression of latex and cardenolide plant defense in common milkweed ( <i>Asclepias syriaca</i> ). <i>Ecosphere</i> , <b>2014</b> , 5, art126	3.1	18

175	Deer browsing delays succession by altering aboveground vegetation and belowground seed banks. <i>PLoS ONE</i> , <b>2014</b> , 9, e91155	3.7	31
174	Reduction of oviposition time and enhanced larval feeding: two potential benefits of aggregative oviposition for the viburnum leaf beetle. <i>Ecological Entomology</i> , <b>2014</b> , 39, 125-132	2.1	6
173	Seasonal decline in plant defence is associated with relaxed offensive oviposition behaviour in the viburnum leaf beetle <i>Pyrrhalta viburni</i> . <i>Ecological Entomology</i> , <b>2014</b> , 39, 589-594	2.1	4
172	Observation, natural history, and an early post-Darwinian view of plant-animal interactions. <i>American Naturalist</i> , <b>2014</b> , 184, ii-iv	3.7	2
171	A genetically-based latitudinal cline in the emission of herbivore-induced plant volatile organic compounds. <i>Journal of Chemical Ecology</i> , <b>2013</b> , 39, 1101-11	2.7	13
170	A field experiment demonstrating plant life-history evolution and its eco-evolutionary feedback to seed predator populations. <i>American Naturalist</i> , <b>2013</b> , 181 Suppl 1, S35-45	3.7	62
169	Specific impacts of two root herbivores and soil nutrients on plant performance and insect-insect interactions. <i>Oikos</i> , <b>2013</b> , 122, 1746-1756	4	17
168	Chinese mantids gut toxic monarch caterpillars: avoidance of prey defence?. <i>Ecological Entomology</i> , <b>2013</b> , 38, 76-82	2.1	23
167	Phylogeny of the plant genus <i>Pachypodium</i> (Apocynaceae). <i>PeerJ</i> , <b>2013</b> , 1, e70	3.1	11
166	Cardenolides in nectar may be more than a consequence of allocation to other plant parts: a phylogenetic study of <i>Asclepias</i> . <i>Functional Ecology</i> , <b>2012</b> , 26, 1100-1110	5.6	46
165	Ant-aphid interactions on <i>Asclepias syriaca</i> are mediated by plant genotype and caterpillar damage. <i>Oikos</i> , <b>2012</b> , 121, 1905-1913	4	26
164	Natural Enemies and Insect Outbreaks in Agriculture: A Landscape Perspective <b>2012</b> , 355-370		2
163	Transgenerational defense induction and epigenetic inheritance in plants. <i>Trends in Ecology and Evolution</i> , <b>2012</b> , 27, 618-26	10.9	270
162	Attenuation of the jasmonate burst, plant defensive traits, and resistance to specialist monarch caterpillars on shaded common milkweed ( <i>Asclepias syriaca</i> ). <i>Journal of Chemical Ecology</i> , <b>2012</b> , 38, 893-901	3.7	46
161	Evolutionary potential of root chemical defense: genetic correlations with shoot chemistry and plant growth. <i>Journal of Chemical Ecology</i> , <b>2012</b> , 38, 992-5	2.7	15
160	Specialist versus generalist insect herbivores and plant defense. <i>Trends in Plant Science</i> , <b>2012</b> , 17, 293-302	2.1	466
159	Phylogeny, ecology, and the coupling of comparative and experimental approaches. <i>Trends in Ecology and Evolution</i> , <b>2012</b> , 27, 394-403	10.9	78
158	Insect herbivores drive real-time ecological and evolutionary change in plant populations. <i>Science</i> , <b>2012</b> , 338, 113-6	33.3	308

157	Spatial Synchrony of Insect Outbreaks <b>2012</b> , 113-125	23
156	Insect Outbreaks in Tropical Forests: Patterns, Mechanisms, and Consequences <b>2012</b> , 219-245	18
155	Implications of Host-Associated Differentiation in the Control of Pest Species <b>2012</b> , 291-310	13
154	The Ecological Consequences of Insect Outbreaks <b>2012</b> , 197-218	15
153	Life History Traits and Host Plant Use in Defoliators and Bark Beetles: Implications for Population Dynamics <b>2012</b> , 175-196	5
152	Assessing the Impact of Climate Change on Outbreak Potential <b>2012</b> , 429-450	31
151	Disasters by Design: Outbreaks along Urban Gradients <b>2012</b> , 311-340	1
150	The Dynamical Effects of Interactions between Inducible Plant Resistance and Food Limitation during Insect Outbreaks <b>2012</b> , 30-46	4
149	Insect Herbivore Outbreaks Viewed through a Physiological Framework: Insights from Orthoptera <b>2012</b> , 1-29	16
148	Immune Responses and Their Potential Role in Insect Outbreaks <b>2012</b> , 47-70	5
147	Plant-Induced Responses and Herbivore Population Dynamics <b>2012</b> , 89-112	8
146	What Tree-Ring Reconstruction Tells Us about Conifer Defoliator Outbreaks <b>2012</b> , 126-154	12
145	Insect-Associated Microorganisms and Their Possible Role in Outbreaks <b>2012</b> , 155-174	2
144	Outbreaks and Ecosystem Services <b>2012</b> , 246-265	1
143	Resistance to Transgenic Crops and Pest Outbreaks <b>2012</b> , 341-354	2
142	Insect Invasions: Lessons from Biological Control of Weeds <b>2012</b> , 395-428	4
141	Evidence for Outbreaks from the Fossil Record of Insect Herbivory <b>2012</b> , 267-290	8
140	Integrated Pest Management [Outbreaks Prevented, Delayed, or Facilitated? <b>2012</b> , 371-394	8



139	The Role of Ecological Stoichiometry in Outbreaks of Insect Herbivores <b>2012</b> , 71-88		1
138	Toxic cardenolides: chemical ecology and coevolution of specialized plant-herbivore interactions. <i>New Phytologist</i> , <b>2012</b> , 194, 28-45	9.8	257
137	Oviposition strategy as a means of local adaptation to plant defence in native and invasive populations of the viburnum leaf beetle. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2012</b> , 279, 952-8	4.4	10
136	Phylogenetic and experimental tests of interactions among mutualistic plant defense traits in Viburnum (adoxaceae). <i>American Naturalist</i> , <b>2012</b> , 180, 450-63	3.7	34
135	Adaptive geographical clines in the growth and defense of a native plant. <i>Ecological Monographs</i> , <b>2012</b> , 82, 149-168	9	118
134	Community-wide convergent evolution in insect adaptation to toxic cardenolides by substitutions in the Na,K-ATPase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 13040-5	11.5	180
133	Herbivory in the previous generation primes plants for enhanced insect resistance. <i>Plant Physiology</i> , <b>2012</b> , 158, 854-63	6.6	316
132	Evolution of specialization: a phylogenetic study of host range in the red milkweed beetle ( <i>Tetraopes tetraophthalmus</i> ). <i>American Naturalist</i> , <b>2011</b> , 177, 728-37	3.7	59
131	A direct comparison of the consequences of plant genotypic and species diversity on communities and ecosystem function. <i>Ecology</i> , <b>2011</b> , 92, 915-23	4.6	148
130	Latitudinal patterns in plant defense: evolution of cardenolides, their toxicity and induction following herbivory. <i>Ecology Letters</i> , <b>2011</b> , 14, 476-83	10	159
129	Current trends in the evolutionary ecology of plant defence. <i>Functional Ecology</i> , <b>2011</b> , 25, 420-432	5.6	334
128	Direct and indirect root defences of milkweed ( <i>Asclepias syriaca</i> ): trophic cascades, trade-offs and novel methods for studying subterranean herbivory. <i>Journal of Ecology</i> , <b>2011</b> , 99, 16-25	6	95
127	New synthesis--trade-offs in chemical ecology. <i>Journal of Chemical Ecology</i> , <b>2011</b> , 37, 230-1	2.7	21
126	Systematic survey of discrepancy rates in an international teleradiology service. <i>Emergency Radiology</i> , <b>2011</b> , 18, 23-9	3	12
125	Measuring the cost of plasticity: avoid multi-collinearity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2011</b> , 278, 2726-2727	4.4	8
124	Evolutionary history predicts plant defense against an invasive pest. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 7070-4	11.5	68
123	Parallel changes in host resistance to viral infection during 45,000 generations of relaxed selection. <i>Evolution; International Journal of Organic Evolution</i> , <b>2010</b> , 64, 3024-34	3.8	46
122	Specificity and trade-offs in the induced plant defence of common milkweed <i>Asclepias syriaca</i> to two lepidopteran herbivores. <i>Journal of Ecology</i> , <b>2010</b> , 98, 1014-1022	6	68



121	Herbivory enhances positive effects of plant genotypic diversity. <i>Ecology Letters</i> , <b>2010</b> , 13, 553-63	10	49
120	Ants defend aphids against lethal disease. <i>Biology Letters</i> , <b>2010</b> , 6, 205-8	3.6	42
119	Evolutionary trade-offs in plants mediate the strength of trophic cascades. <i>Science</i> , <b>2010</b> , 327, 1642-4	33.3	101
118	Re-evaluating the costs and limits of adaptive phenotypic plasticity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2010</b> , 277, 503-11	4.4	43 <sup>1</sup>
117	Salicylate-mediated interactions between pathogens and herbivores. <i>Ecology</i> , <b>2010</b> , 91, 1075-82	4.6	119
116	First evidence of hexameric and heptameric ellagitannins in plants detected by liquid chromatography/electrospray ionisation mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2010</b> , 24, 3151-6	2.2	32
115	Macroevolution and the biological diversity of plants and herbivores. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 18054-61	11.5	403
114	Evidence for adaptive radiation from a phylogenetic study of plant defenses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 18067-72	11.5	111
113	Plant defense against herbivory: progress in identifying synergism, redundancy, and antagonism between resistance traits. <i>Current Opinion in Plant Biology</i> , <b>2009</b> , 12, 473-8	9.9	106
112	Induced responses to herbivory and jasmonate in three milkweed species. <i>Journal of Chemical Ecology</i> , <b>2009</b> , 35, 1326-34	2.7	68
111	Phylogenetic trends in phenolic metabolism of milkweeds ( <i>Asclepias</i> ): evidence for escalation. <i>Evolution; International Journal of Organic Evolution</i> , <b>2009</b> , 63, 663-73	3.8	92
110	Heritability, covariation and natural selection on 24 traits of common evening primrose ( <i>Oenothera biennis</i> ) from a field experiment. <i>Journal of Evolutionary Biology</i> , <b>2009</b> , 22, 1295-307	2.3	94
109	Phylogenetic ecology of leaf surface traits in the milkweeds ( <i>Asclepias</i> spp.): chemistry, ecophysiology, and insect behavior. <i>New Phytologist</i> , <b>2009</b> , 183, 848-867	9.8	88
108	Latex: A Model for Understanding Mechanisms, Ecology, and Evolution of Plant Defense Against Herbivory. <i>Annual Review of Ecology, Evolution, and Systematics</i> , <b>2009</b> , 40, 311-331	13.5	265
107	Cardenolides, induced responses, and interactions between above- and belowground herbivores of milkweed ( <i>Asclepias</i> spp.). <i>Ecology</i> , <b>2009</b> , 90, 2393-404	4.6	55
106	What is Phenotypic Plasticity and Why is it Important? <b>2009</b> ,		94
105	PERMANENT GENETIC RESOURCES: Isolation and characterization of polymorphic microsatellite loci in common evening primrose ( <i>Oenothera biennis</i> ). <i>Molecular Ecology Resources</i> , <b>2008</b> , 8, 434-6	8.4	18
104	Natural selection on and predicted responses of ecophysiological traits of swamp milkweed ( <i>Asclepias incarnata</i> ). <i>Journal of Ecology</i> , <b>2008</b> , 96, 536-542	6	45

103	Plant genotype shapes ant-aphid interactions: implications for community structure and indirect plant defense. <i>American Naturalist</i> , <b>2008</b> , 171, E195-205	3.7	92
102	Coexisting congeners: demography, competition, and interactions with cardenolides for two milkweed-feeding aphids. <i>Oikos</i> , <b>2008</b> , 117, 450-458	4	57
101	In defense of roots: a research agenda for studying plant resistance to belowground herbivory. <i>Plant Physiology</i> , <b>2008</b> , 146, 875-80	6.6	114
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